

**Meeting of the Central Valley Flood Protection Board
December 19, 2008**

**Staff Report
Statewide Flood Planning Office
Department of Water Resources**

Item

Consider approval of Resolution No. 08-22 (Attachment A) to approve the Schedule of Implementation (Attachment C) for the Flood Control System Status Report (FCSSR) for the State Plan of Flood Control and authorize the President or Secretary to sign a letter (Attachment B) transmitting the Schedule of Implementation to the Legislature as required by California Water Code Section 9120.

Background

Assembly Bill 156 was approved by the Governor and filed with the Secretary of State on October 10, 2007. This legislation implemented several changes and additions to the California Water Code, one being Section 9120. Water Code Section 9120 requires the Department of Water Resources (DWR) to prepare and the Central Valley Flood Protection Board (Board) to adopt a Flood Control System Status Report for the State Plan of Flood Control and also requires the Board to notify the Legislature in writing as to the Board's schedule for implementing the requirements of Section 9120. The complete text of Section 9120 is as follows:

- (a) The department shall prepare and the board shall adopt a flood control system status report for the State Plan of Flood Control. This status report shall be updated periodically, as determined by the board. For the purpose of preparing the report, the department shall inspect the project levees and review available information to ascertain whether there are evident deficiencies.
- (b) The status report shall include identification and description of each facility, an estimate of the risk of levee failure, a discussion of the inspection and review undertaken pursuant to subdivision (a), and appropriate recommendations regarding the levees and future work activities.
- (c) On or before December 31, 2008, the board shall advise the Legislature, in writing, as to the board's schedule of implementation of this section.

Report Status

DWR, in close coordination with Board staff, is well underway on all phases of preparation of the FCSSR. A Project Management Plan through completion of an Initial Draft FCSSR has been prepared. Work is currently focusing on identifying, defining, and cataloging the facilities of the SPFC; preparing a history of the development of the SPFC; investigating and resolving system design flows; estimating actual flow capacities; comparing actual flows to design flows to estimate conveyance deficiencies; cataloging known levee distress information; evaluating potential levee failure risk factors and locations; and reviewing operation and maintenance conditions and major issues affecting the function of the SPFC. Work is also proceeding on the preparation of a working draft of the FCSSR by February 2009 that will be coordinated with Board staff.

Recommended Board Actions

DWR recommends the Board approve Resolution No. 08-22 to adopt the Schedule of Implementation for the Flood Control System Status Report for the State Plan of Flood Control and authorize the President or Secretary to sign a letter transmitting the Schedule of Implementation to the Legislature as required by California Water Code Section 9120.

Program Manager

Stephen Bradley - (916) 651-9844

Attachments

- A – Resolution 08-22
- B – Letter of Transmittal to the Legislature
- C – Schedule of Implementation for the Flood Control System Status Report for the State Plan of Flood Control

STATE OF CALIFORNIA
THE RESOURCES AGENCY
CENTRAL VALLEY FLOOD PROTECTION BOARD

RESOLUTION NO. 08-22

SCHEDULE OF IMPLEMENTATION FOR THE
FLOOD CONTROL SYSTEM STATUS REPORT FOR THE
STATE PLAN OF FLOOD CONTROL

WHEREAS, Assembly Bill 156 was introduced during the 2007-2008 Legislative Session; and

WHEREAS, Assembly Bill 156 was approved by the Governor and filed with the Secretary of State on October 10, 2007 (Chapter 368); and

WHEREAS, Assembly Bill 156 added Section 9120 to the California Water Code that required the Department of Water Resources (DWR) to prepare and the Central Valley Flood Protection Board (Board) to adopt a Flood Control System Status Report (FCSSR) for the State Plan of Flood Control (SPFC); and

WHEREAS, California Water Code Section 9120 requires the FCSSR be updated periodically, as determined by the Board; and

WHEREAS, California Water Code Section 9120 identifies that for purpose of preparing the FCSSR, DWR shall inspect the project levees and review available information to ascertain whether there are evident deficiencies; and

WHEREAS, California Water Code Section 9120 requires that the FCSSR include identification and description of each facility, an estimate of the risk of levee failure, a discussion of the inspection and review undertaken, and appropriate recommendations regarding the levees and future work activities; and

WHEREAS, Section 9120 of the California Water Code also requires the Board to advise the Legislature, in writing, as to the Board's schedule of implementation for complying with the requirements of California Water Code Section 9120 on or before December 31, 2008.

NOW, THEREFORE, IT IS HEREBY RESOLVED that:

1. The Board approves the Schedule of Implementation for preparation of a Flood Control System Status Report for the State Plan of Flood Control in compliance with California Water Code Section 9120.
2. The Board authorizes the President or Secretary to sign a letter transmitting the Schedule of Implementation for the Flood Control System Status Report to the State Legislature on or before December 31, 2008, in compliance with California Water Code Section 9120.

Dated:

By

Benjamin F. Carter
President

By

Maureen Doherty
Secretary

Approved as to Legal form
And Sufficiency

Virginia Cahill
Counsel

CENTRAL VALLEY FLOOD PROTECTION BOARD

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TO: Distribution List

Please find enclosed the Central Valley Flood Protection Board's (Board) Schedule of Implementation for preparation of a Flood Control System Status Report for the State Plan of Flood Control required by California Water Code Section 9120 established by Assembly Bill 156.

Assembly Bill 156 was introduced by Assembly Member Laird on January 18, 2007 and was approved by the Governor and filed with the Secretary of State on October 10, 2007 (Chapter 368). One of the changes resulting from this legislation was the addition of Section 9120 to the California Water Code that required the Department of Water Resources to prepare and the Board to adopt a Flood Control System Status Report for the State Plan of Flood Control. Section 9120 also required the Board to notify the Legislature in writing as to the Board's schedule for implementing the requirements of Water Code Section 9120 on or before December 31, 2008.

If you have any questions regarding the enclosed schedule, please contact Mr. Jay Punia, Executive Officer for the Central Valley Flood Protection Board, at (916) 574-0609 or Mr. Stephen Bradley, Chief, Statewide Flood Planning Office, for the Department of Water Resources' Division of Flood Management, at (916) 651-9844.

Sincerely,

Benjamin F. Carter
President, Central Valley Flood Protection Board

Enclosure

Distribution List

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SCHEDULE OF IMPLEMENTATION FOR THE FLOOD CONTROL SYSTEM STATUS REPORT

California Water Code Section 9120 directed the California Department of Water Resources (DWR) to prepare and the Central Valley Flood Protection Board (Board) to adopt a Flood Control System Status Report (FCSSR) for the State Plan of Flood Control (SPFC). The legislation further directed the Board to advise the Legislature, in writing, on or before December 31, 2008, as to the Board's schedule of implementation for meeting the requirements of Water Code Section 9120.

Water Code Section 9120 did not specify a date for completing the FCSSR, but did authorize the report to be updated periodically as determined by the Board. It did, however, direct DWR, as part of preparing the FCSSR, to inspect the project levees and review available information to ascertain whether there are evident deficiencies. In addition, the FCSSR is to include identification and description of each facility, an estimate of the risk of levee failure, a discussion of the levee inspection and review undertaken and appropriate recommendations regarding the levees and future work activities. The following provides a summary of these major activities and their corresponding scheduled completion dates.

1. Inspect Project Levees (June 2009)

The initial inspection of project levees is expected to be completed by June 2009 but, as the inspection information is regularly updated, the most recent information will be used when compiling the final FCSSR. Regular levee inspections are covered by existing federal law that requires project levees within the SPFC to be inspected at intervals not to exceed 90 days. Currently, DWR performs a detailed maintenance deficiency inspection two times each year (spring and fall) and Local levee maintaining agencies perform two additional verification inspections each year (summer and winter) and report their findings to DWR. The results of these four inspections are published annually in "Inspection Report of Flood Control Project Maintenance and Repair" the following spring. Assembly Bill 156 also required that DWR must also prepare and transmit to the Board a report on the project levees operated and maintained by each local agency on or before December 31, 2008. The project levee information discussed above and collected annually by DWR will be used to comply with the inspect project levees requirement of Water Code Section 9120.

2. Review Available Information for Evident Deficiencies (March 2010)

The expected completion date is March 2010. Review of available information includes three major subtasks: (1) collect available information related to the extent and functioning of the existing SPFC levee system; (2) use the collected information (hydrologic, hydraulic, geotechnical, floodplain mapping, etc.) and other data developed for the FCSSR and other FloodSAFE efforts to evaluate the geotechnical and hydraulic condition of the levee system; and (3) identify evident deficiencies of the existing levee system using geotechnical evaluations and floodplain evaluations and delineations.

3. Identify and Describe Each SPFC Facility (December 2009)

The expected completion date is December 2009. The facilities of the SPFC are being identified, inventoried, mapped, and described based on existing data and known sources of information regarding physical features and facilities for which the Board or DWR provided assurances of nonfederal cooperation to the Corps of Engineers.

4. Describe Levee Inspection and Review (June 2010)

The expected completion date is June 2010. A description of the levee inspection and review of available information process discussed above under Activity 1, Inspect Project Levees, is being prepared as the inspection and review occurs.

5. Estimate Risk of Levee Failure (June 2010)

The expected completion date is June 2010. An estimate of the risk of levee failure will be based on an updated understanding of the features and functions of the existing SPFC, identified deficiencies in the system, and will incorporate available preliminary technical information from the ongoing hydrologic, hydraulic, and geotechnical evaluations being performed for other FloodSAFE programs.

6. Recommend Actions (September 2010)

The expected completion date is September 2010. Recommended actions for levees and future work activities will be based on evaluations of SPFC facilities, observed issues in the levee inspection and review process, identified deficiencies, and potential for levee failure from the above activities.

7. FCSSR Documents (December 2010)

The formal draft report is scheduled for October 2010 and the final report scheduled for December 2010.

The attached graphic illustration shows the proposed schedule of implementation for developing the FCSSR. Although the legislation does not provide a specific schedule for completing the first FCSSR, the Board plans to complete the initial FCSSR by December 31, 2010.

Schedule of Implementation - Flood Control System Status Report

